

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A process for operating a water recovery plant comprising charging a storage tank with water contaminated with solids, said water recovered from a manufacturing or construction process, determining ~~a parameter associated with the concentration of one or more selected contaminants~~ the specific gravity of the water contaminated with solids in the storage tank, adding water to the storage tank to dilute ~~diluting~~ the water contaminated with solids to form a diluted water whereby the concentration of the one or more selected contaminants in the storage tank is at or below a desired level, and utilising the diluted water from the storage tank in the manufacturing or construction process.
2. (Original) A process for operating a water recovery plant according to claim 1 wherein the manufacturing or construction process is the manufacture of ready mix concrete.
3. (Original) A process according to claim 2 wherein the contaminated water recovered includes washings from equipment used in the manufacture and transport of ready mix concrete.
4. (Original) A process according to claim 2 wherein the contaminated water is collected in a pit.
5. (Original) A process according to claim 2 wherein the contaminated water is pumped sequentially into a plurality of storage tanks.
6. (Currently Amended) A process according to claim 5 wherein the storage tanks incorporate a sensor for determining ~~a parameter associated with one or more selected contaminants~~ the specific gravity of the contaminated water wherein upon the ~~sensor~~ specific gravity reaching a predetermined level the tank is by-passed and the next storage tank in the sequence is filled.

7. (Original) A process according to claim 5 wherein contaminated water is fed from the storage tanks sequentially for use in the manufacture of ready mix concrete or washing manufacturing or transport equipment.

8. (Original) A process according to claim 6 wherein a by-passed tank is filled with uncontaminated water.

9. (Original) A process according to claim 8 wherein the uncontaminated water is sourced from a town water supply.

10. (Original) A process according to claim 8 wherein the uncontaminated water is sourced from a filter press used to remove excess solids from recycled water from the process of the present invention.

11. (Original) A process according to claim 2 wherein the contaminated water is contaminated with contaminants selected from the group consisting of inert fines, cementitious product, clay and combinations thereof.

12. (Currently Amended) A process according to claim 2 wherein the concentration of suspended solids in the contaminated water is determined in addition to the parameter determined is selected from the group consisting of suspended solids and specific gravity.

13. (New) A process according to claim 2 wherein the specific gravity of the diluted water is maintained at or below 1.05.

14. (New) A process according to claim 2 wherein the specific gravity of the diluted water is maintained at or below 1.025.

15. (New) A process for operating a water recovery plant comprising sequentially charging a plurality of storage tanks with water contaminated with solids, said water recovered from a ready mix concrete manufacturing process, determining the specific gravity of the water contaminated with solids in the storage tank, diluting the water contaminated with solids by adding water to the storage tanks to form a diluted water whereby the concentration of one or more selected contaminants in the storage tank is at or below a desired level, and utilising the diluted water from the storage tank in the ready mix concrete manufacturing process, and wherein the plurality of storage tanks incorporate a sensor for determining the specific gravity of the water contaminated with solids wherein upon the specific gravity reaching a predetermined level the tank is bypassed and the next storage tank in the sequence is filled.

16. (New) A process according to claim 15 wherein the specific gravity of the diluted water is maintained at or below 1.05.

17. (New) A process according to claim 15 wherein the specific gravity of the diluted water is maintained at or below 1.025.